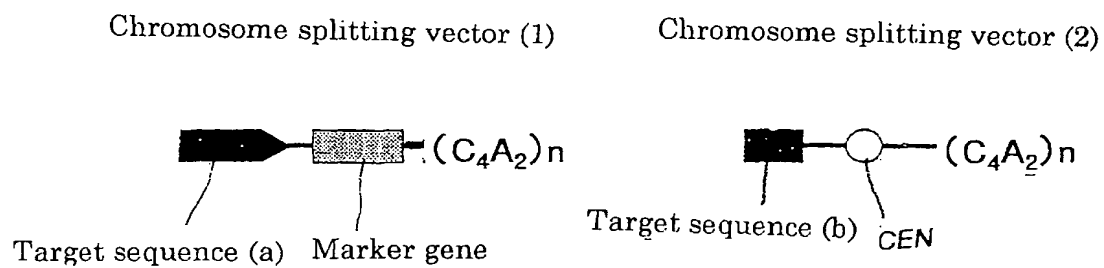
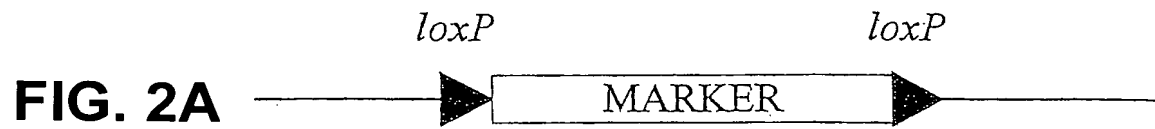
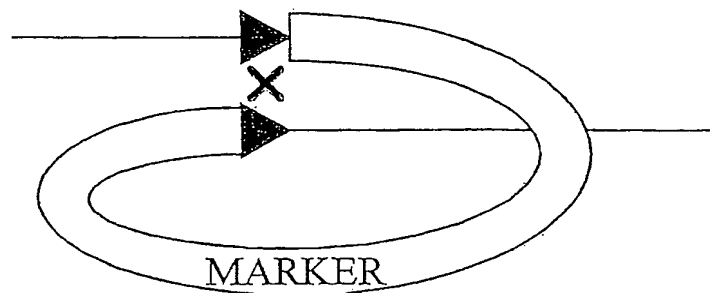


**FIG. 1**



↓ Expression of Cre recombinase

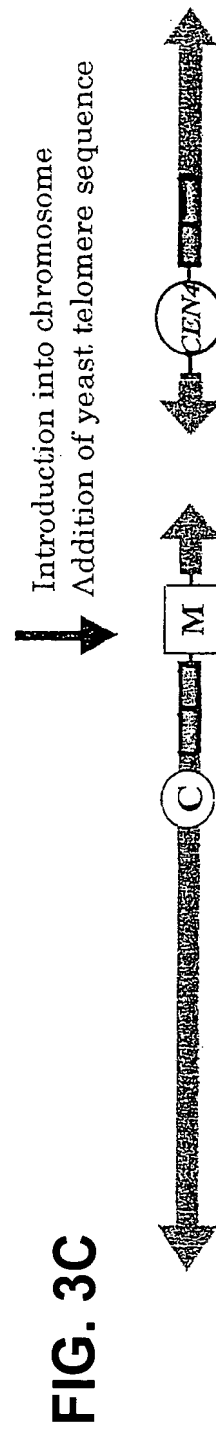
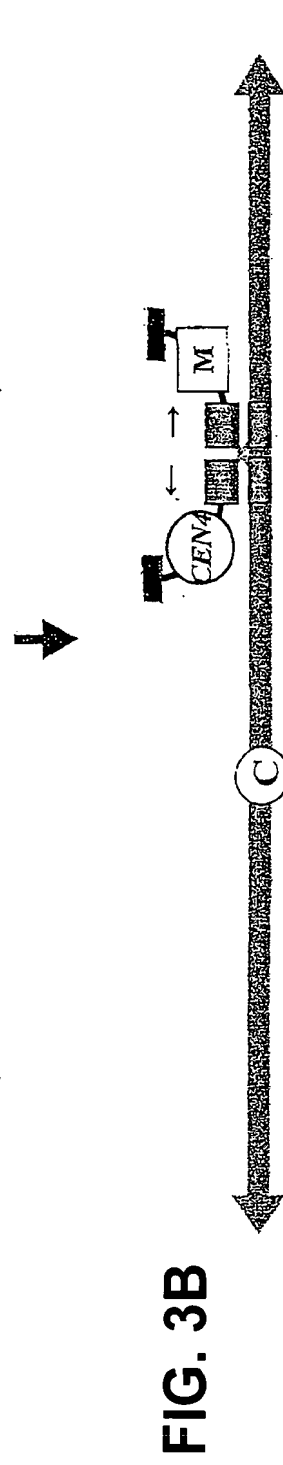
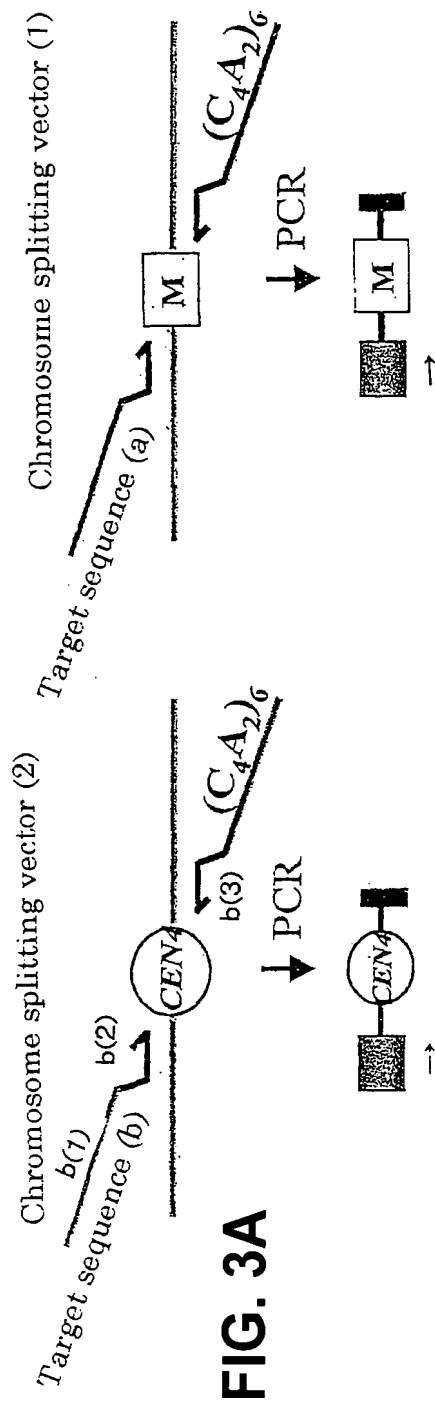
**FIG. 2B**

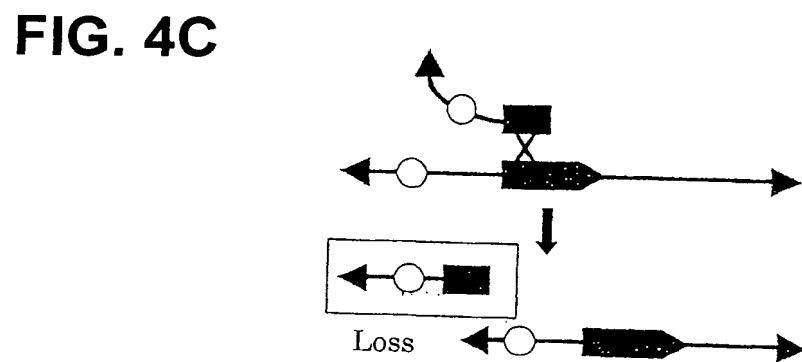
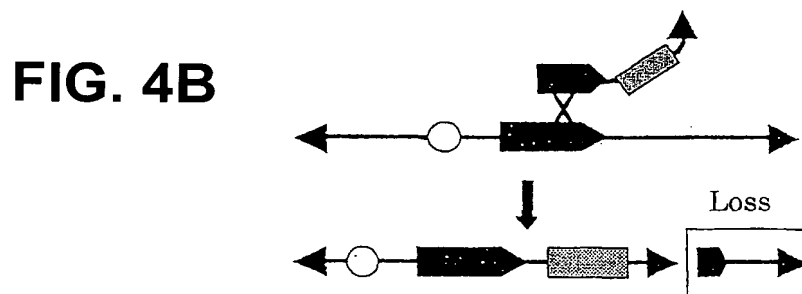
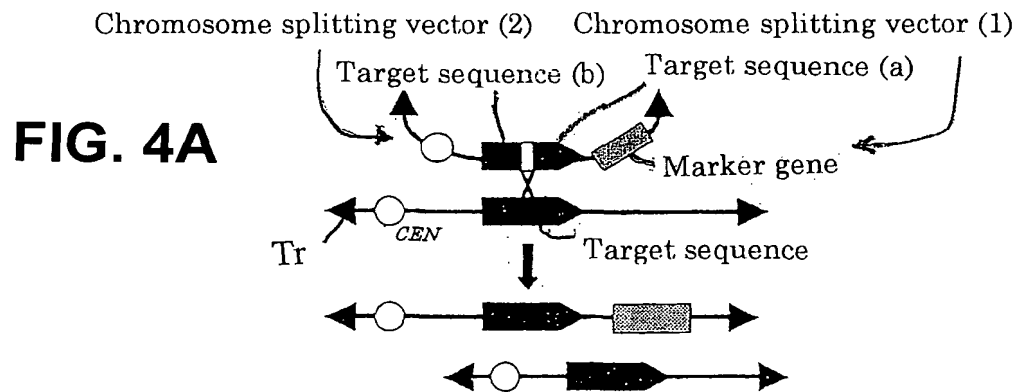


↓  
*loxP*

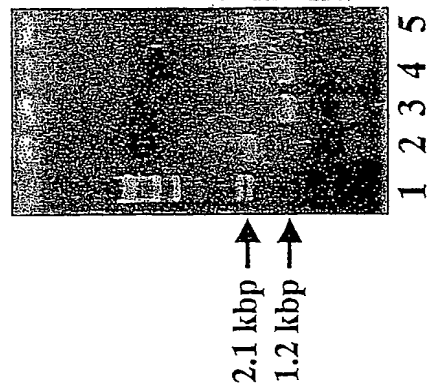
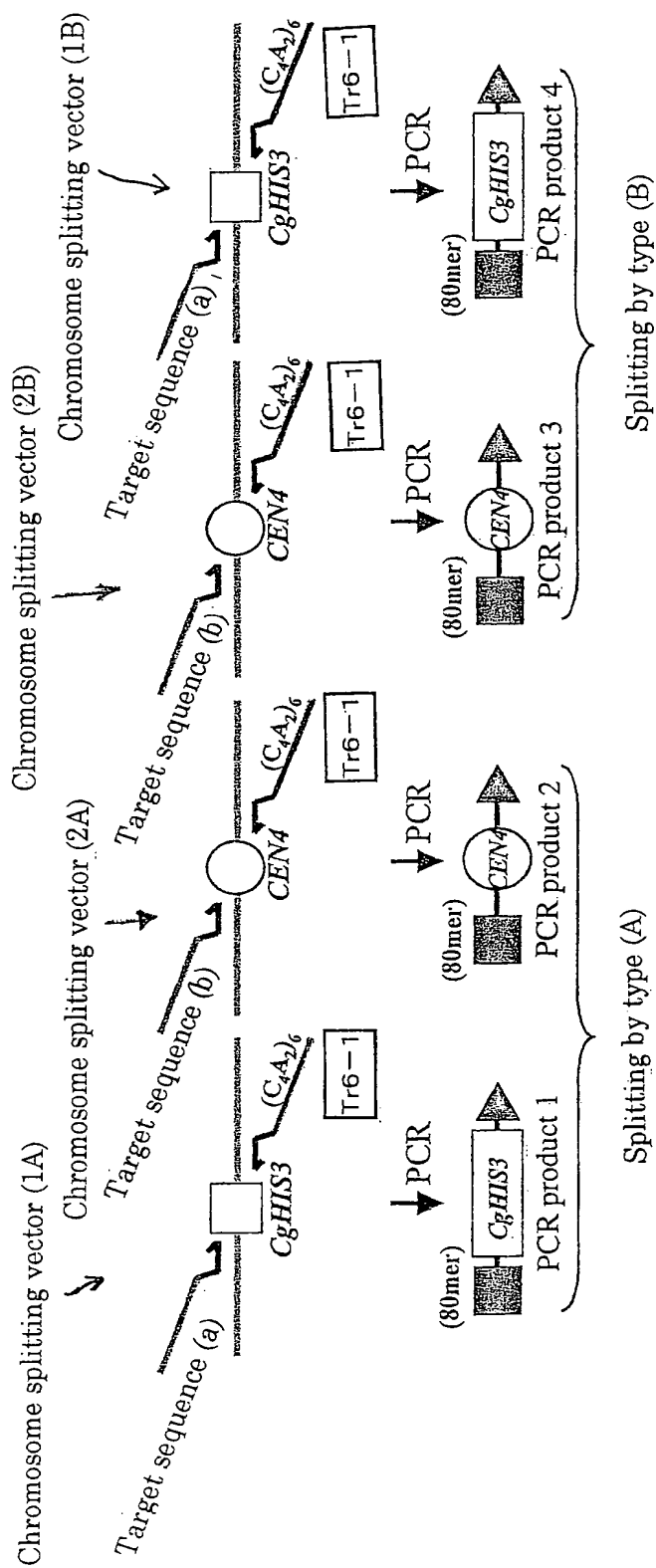
**FIG. 2C**



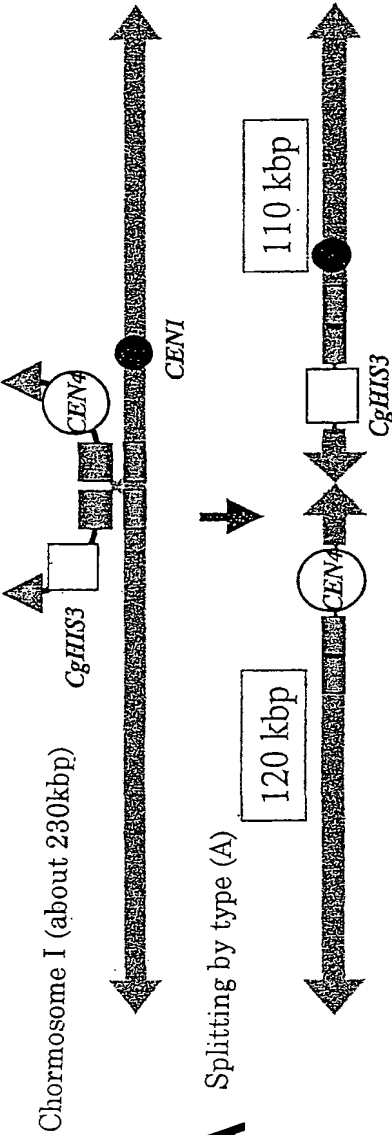




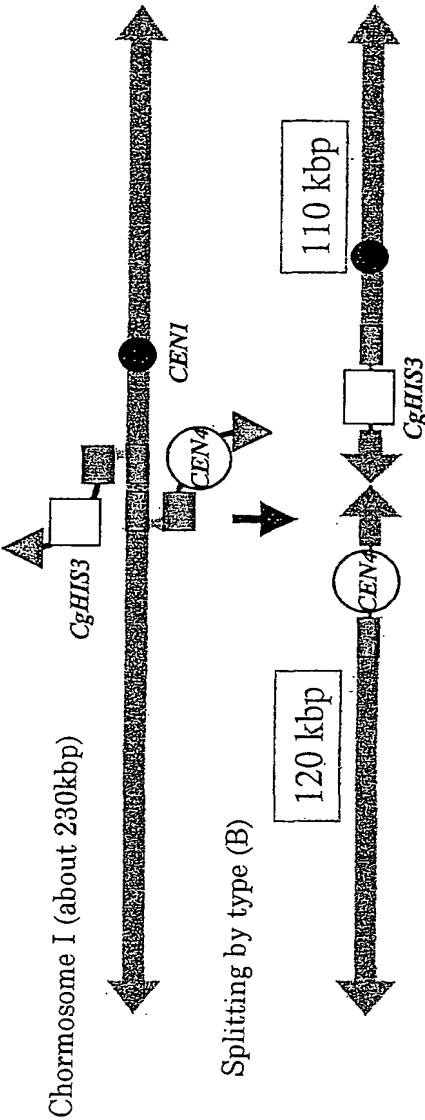
# FIG. 5



- 1: Molecular weight marker
- 2: PCR product 1 about 2.1kbp
- 3: PCR product 2 about 1.2kbp
- 4: PCR product 3 about 1.2kbp
- 5: PCR product 4 about 2.1kbp

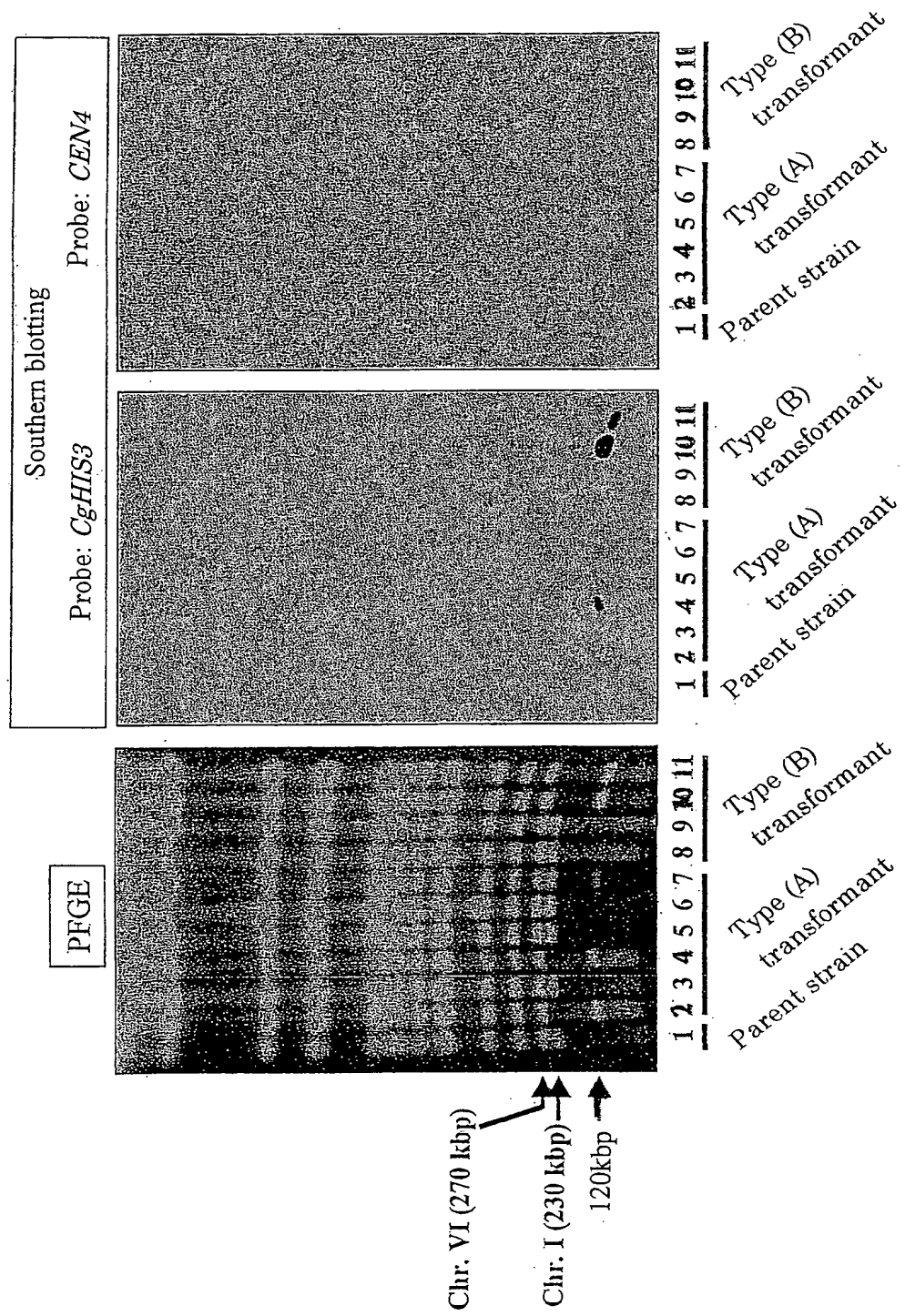


**FIG. 6A**

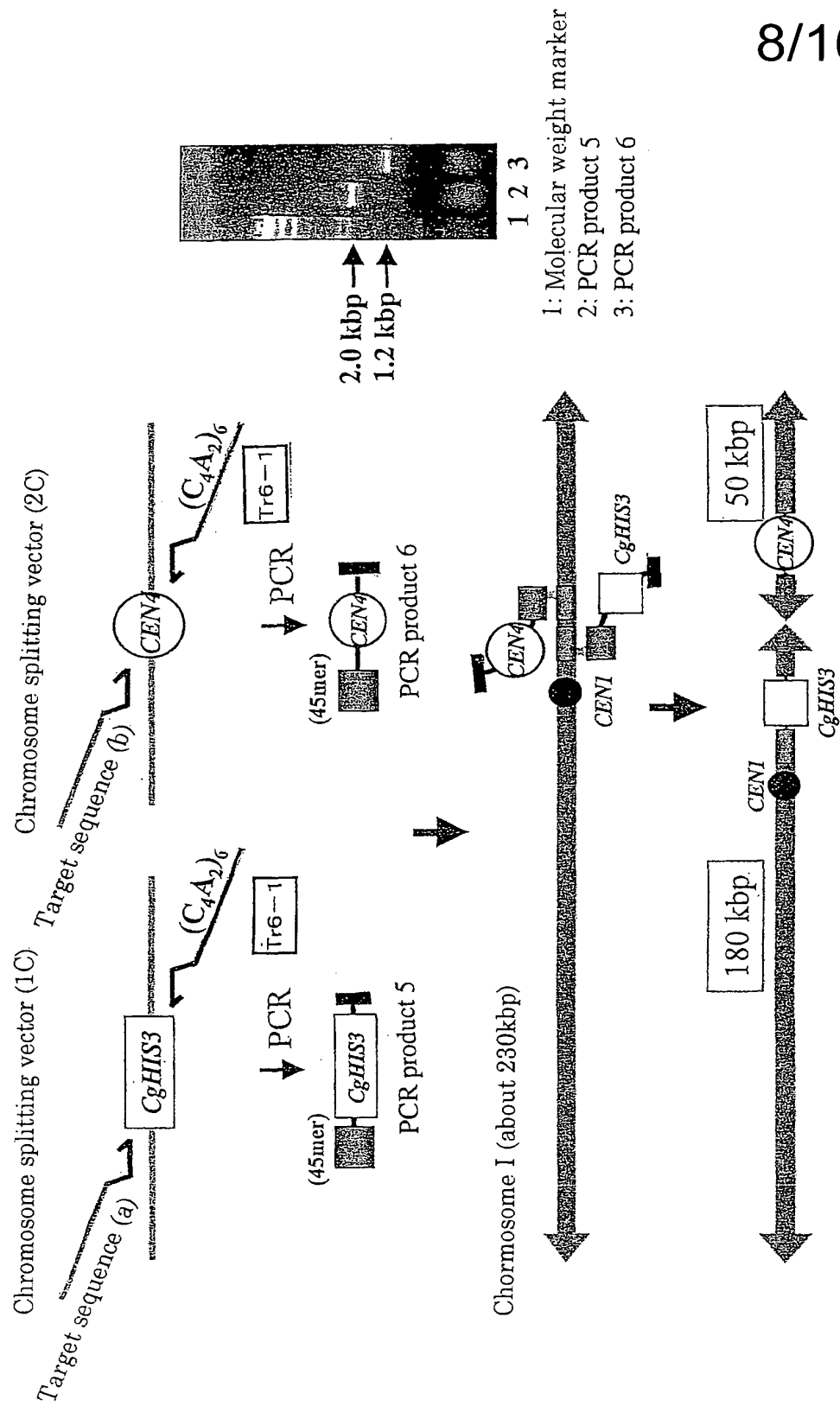


**FIG. 6B**

FIG. 7



**FIG. 8**





# FIG. 9

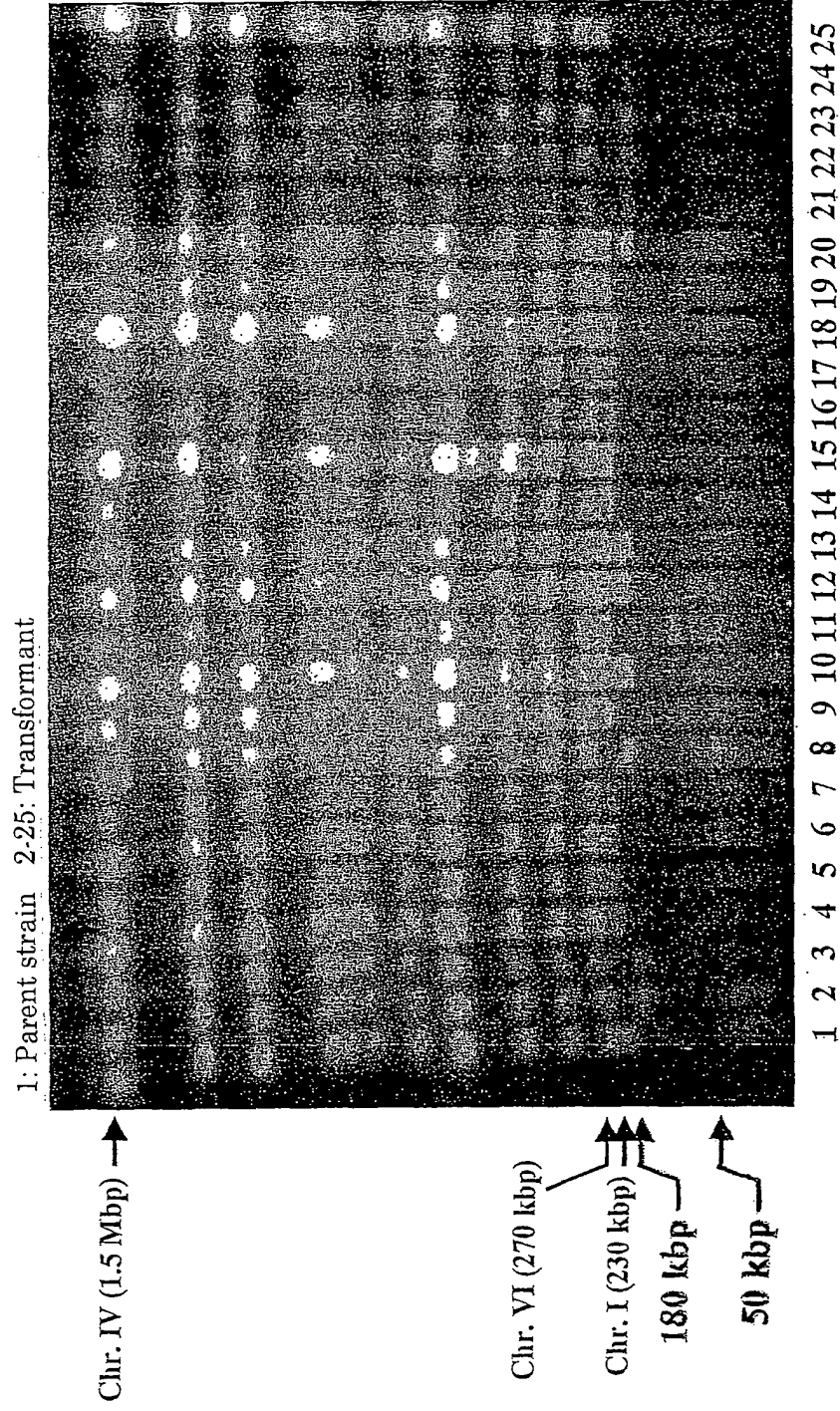
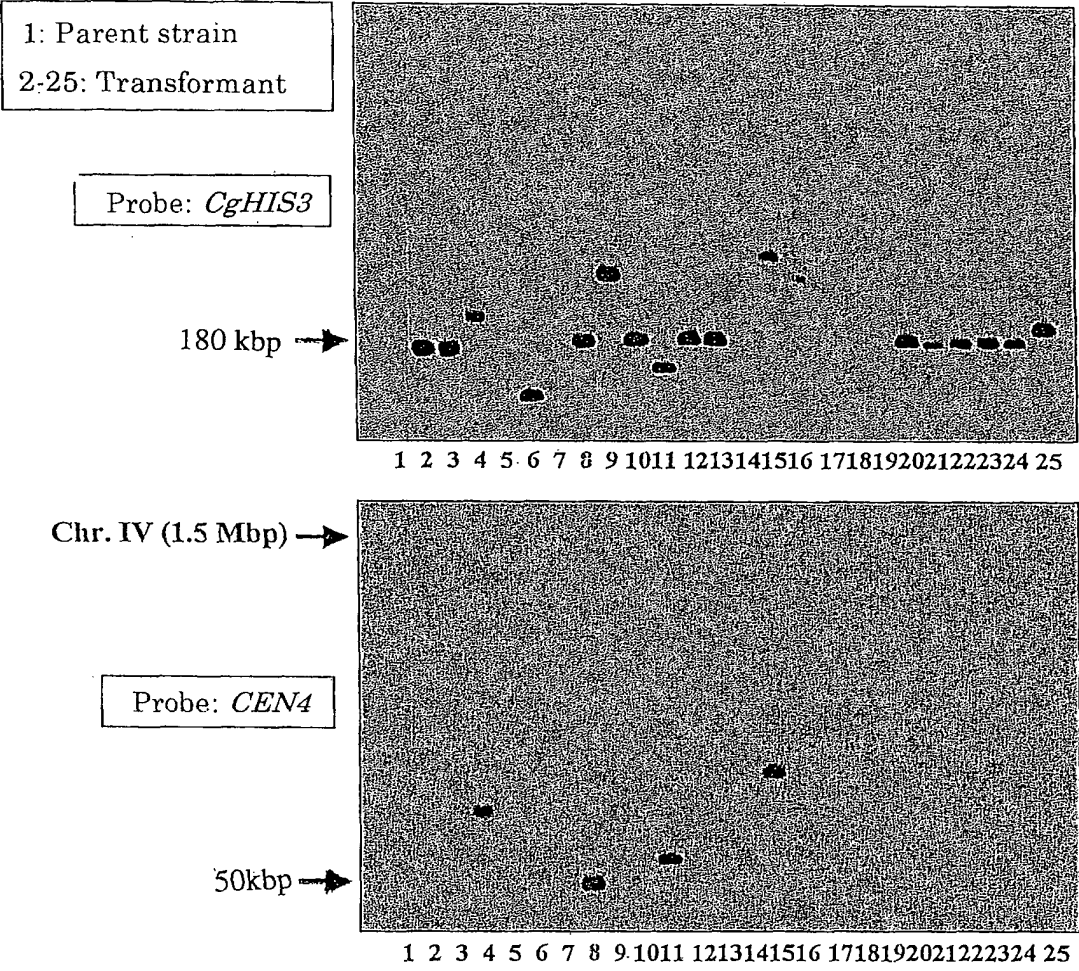


FIG. 10



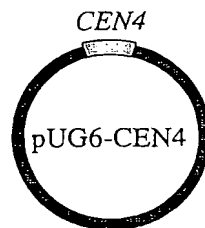
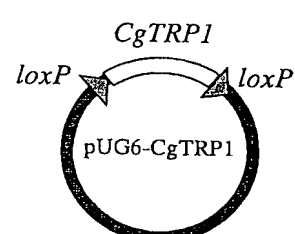
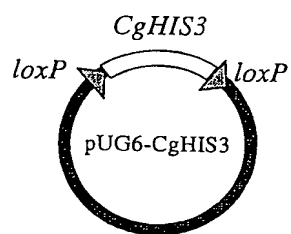
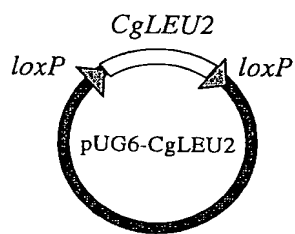
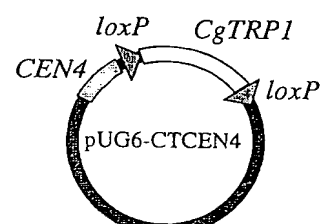
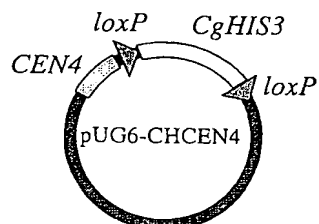
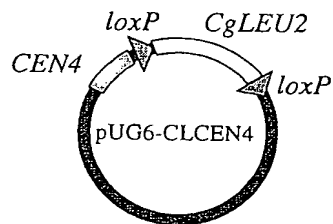
**FIG. 11****FIG. 12****FIG. 13**

FIG. 14A

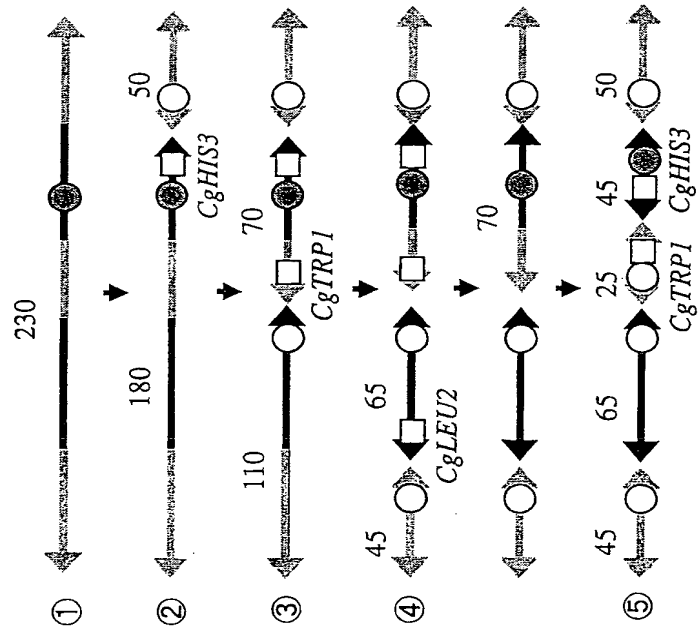
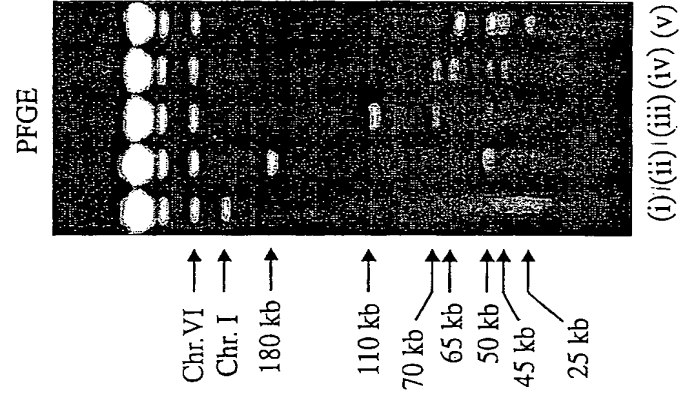


FIG. 14B



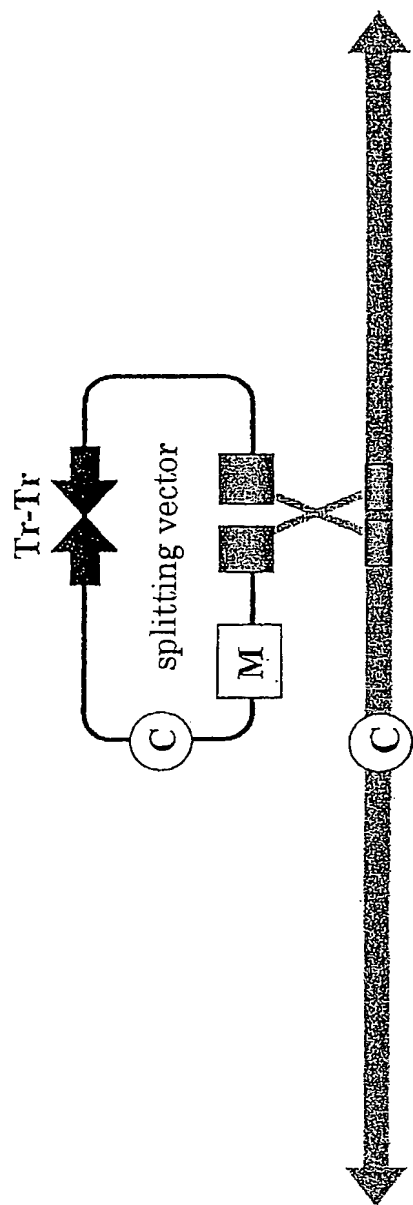


FIG. 15A

↓ Introduction into chromosome



FIG. 15B

↓ Telomere resolution



FIG. 15C

↓ Addition of yeast telomere sequence



FIG. 15D

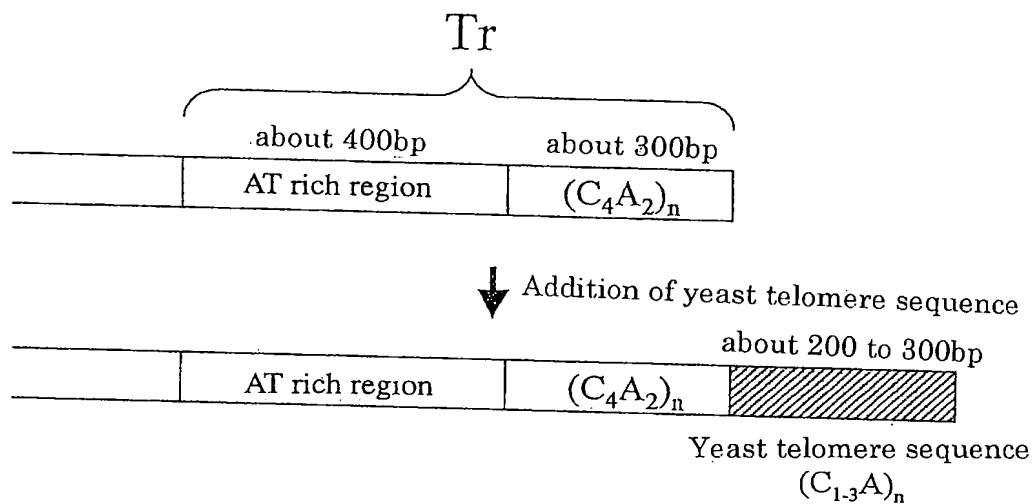
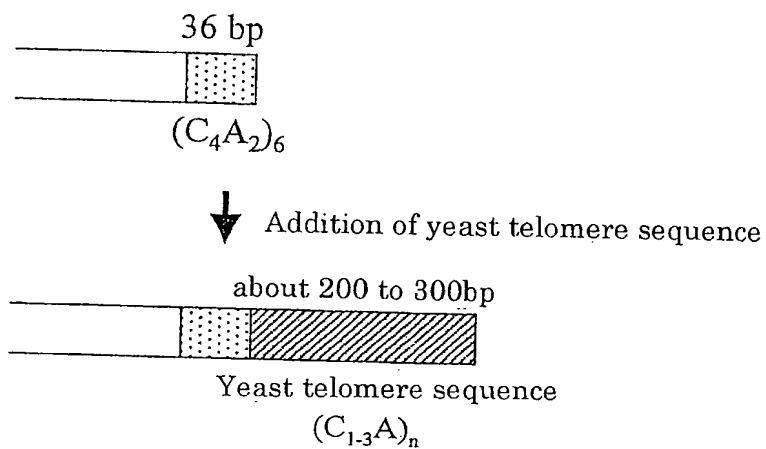
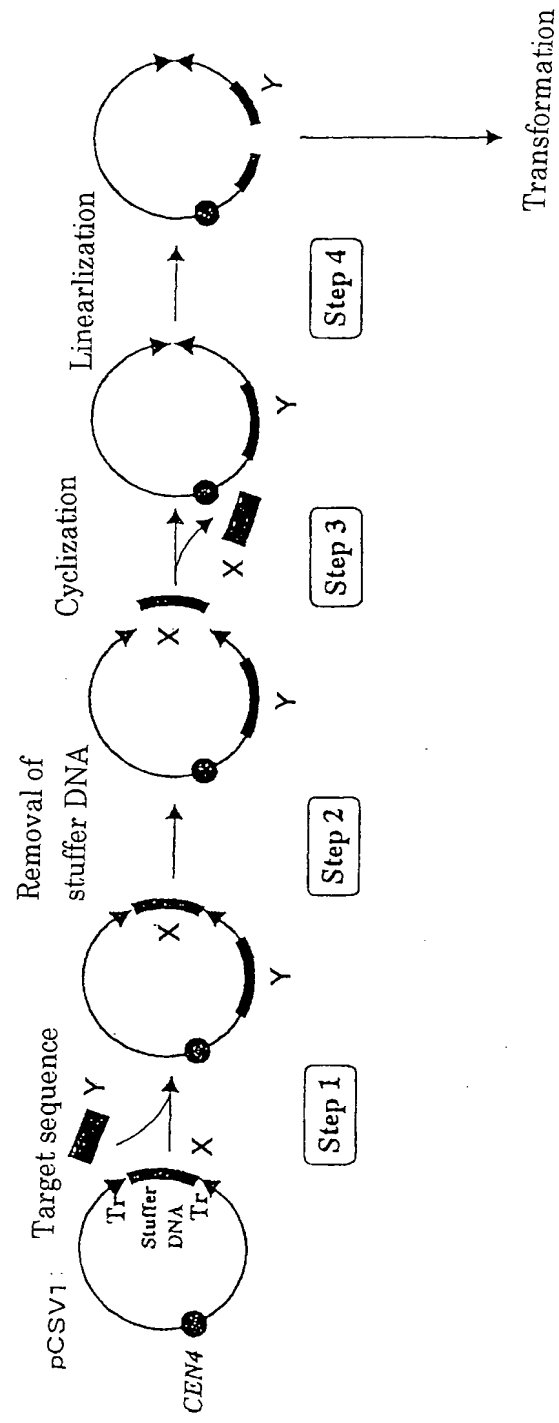
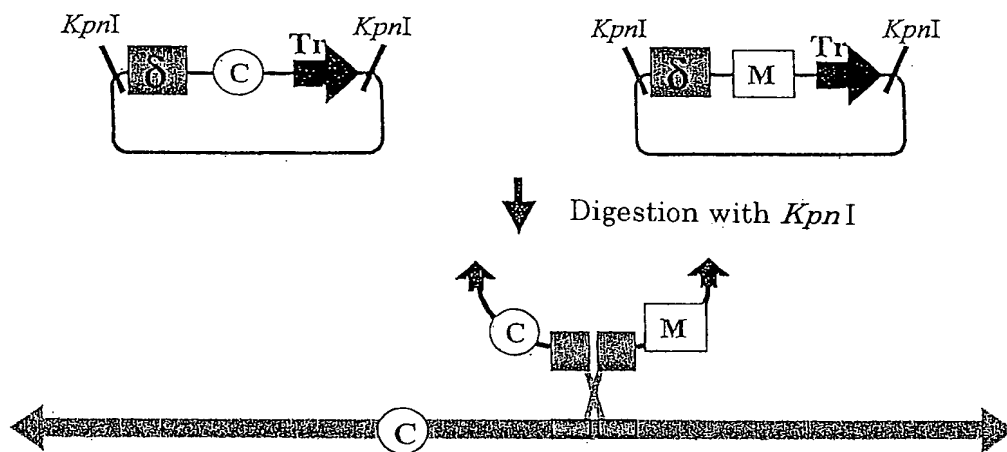
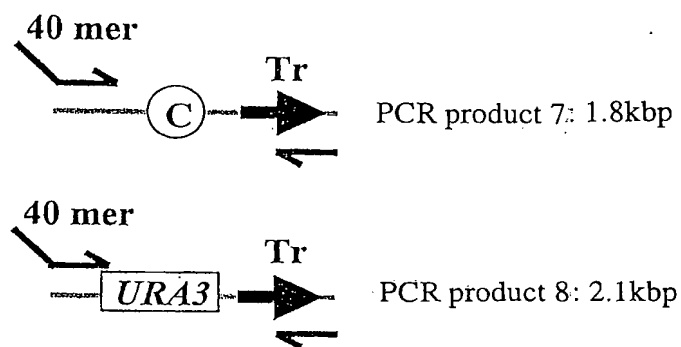
**FIG. 16A****FIG. 16B**

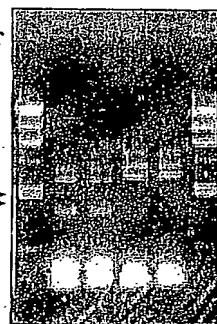
FIG. 17



**FIG. 18A****FIG. 18B****FIG. 18C**

1,6: Molecular weight marker  
 2,3: PCR product 7  
 4,5: PCR product 8

2.1 kbp  
 1.8 kbp



1 2 3 4 5 6